

FIG. 1A

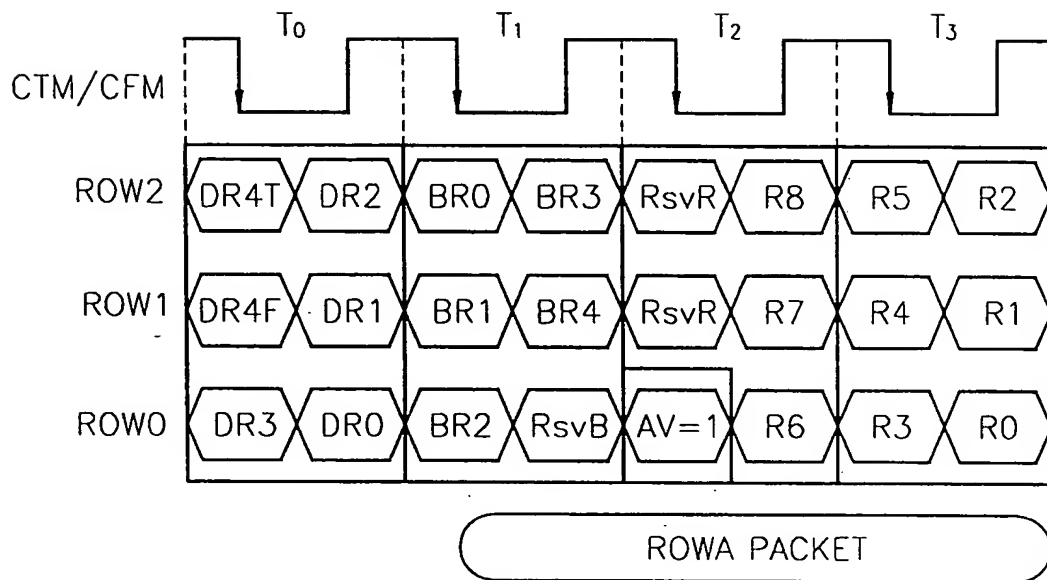


FIG. 1B

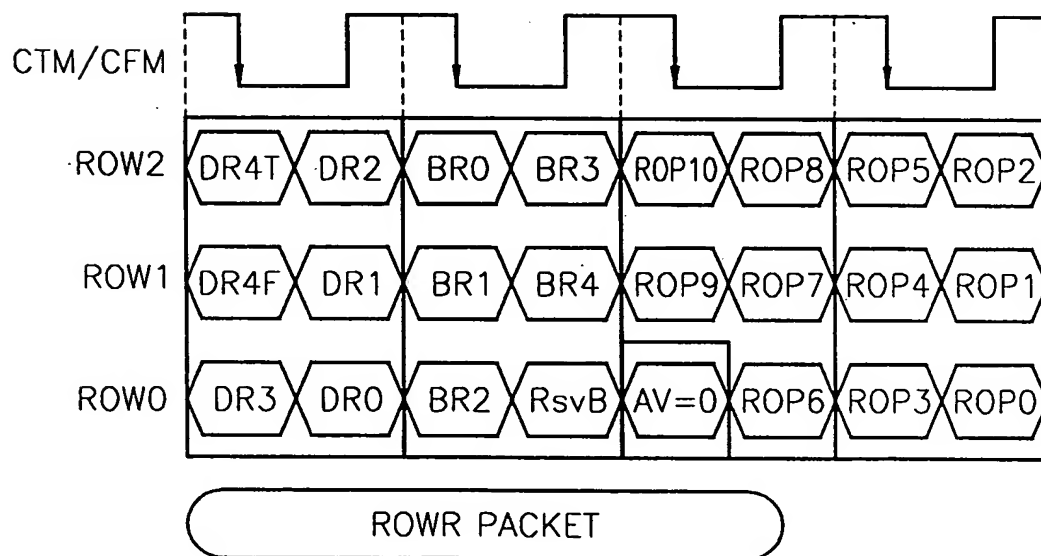


FIG. 2

DM	AV	ROP10..ROP0 Field										Name	Command Description
		10	9	8	7	6	5	4	3	2:0			
		-	-	-	-	-	-	-	-	-	...		
0	0										-	No operation.	
1	1	Row address										ACT	Activate row R8..R0 of bank BR4..BR0 of device and move device to ATTN.
1	0	1	1	0	0	0	X	X	X	000	PRER	Precharge bank BR4..BR0 of this device.	
1	0	0	0	0	1	1	0	0	X	000	REFA	Refresh (activate) row REFR8..REFR0 of bank BR4..BR0 of device. Increment REFR if BR4..BR0 = 1111 (see Figure).	
1	0	1	0	1	0	1	0	0	X	000	REFP	Precharge bank BR4..BR0 of this device after REFA (see Figure).	
1	0	X	X	0	0	0	0	1	X	000	PDNR	Move this device into the powerdown (PDN) power state (see Figure).	
1	0	X	X	0	0	0	1	0	X	000	NAPR	Move this device into the nap (NAP) power state (see Figure).	
1	0	X	X	0	0	0	1	1	X	000	NAPRC	Move this device into the nap (NAP) power state conditionally	
1	0	X	X	X	X	X	X	X	0	000	ATTN	Move this device into the attention (ATTN) power state (see Figure).	
1	0	X	X	X	X	X	X	X	1	000	RLXR	Move this device into the standby (STBY) power state (see Figure).	
1	0	0	0	0	0	0	0	0	X	001	TCAL	Temperature calibrate this device (see Figure).	
1	0	0	0	0	0	0	0	0	X	010	TCEN	Temperature calibrate/enable this device (see Figure).	
1	0	0	0	0	0	0	0	0	0	000	NOROP	No operation.	

COMMAND LIST OF ROWR PACKETS (COMMAND LIST)

FIG. 3

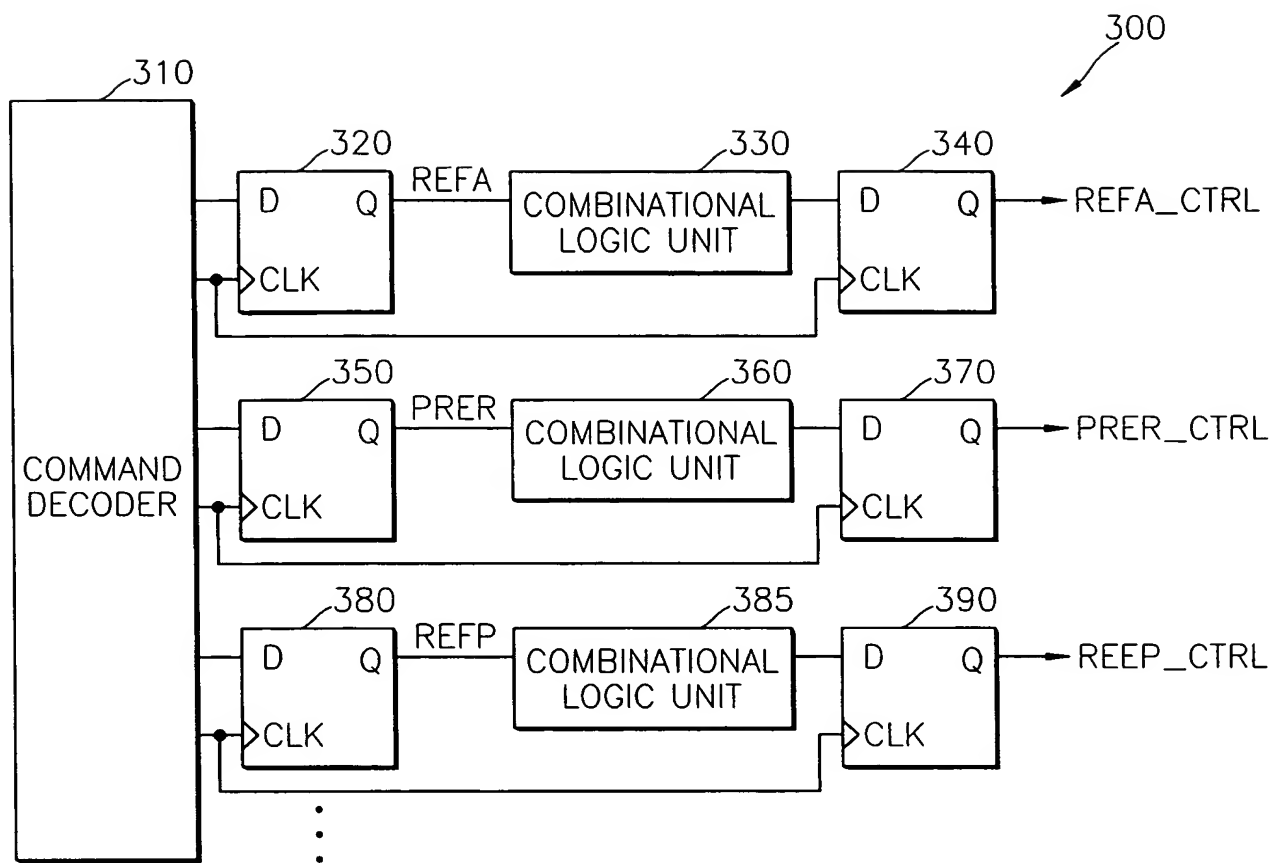


FIG. 4

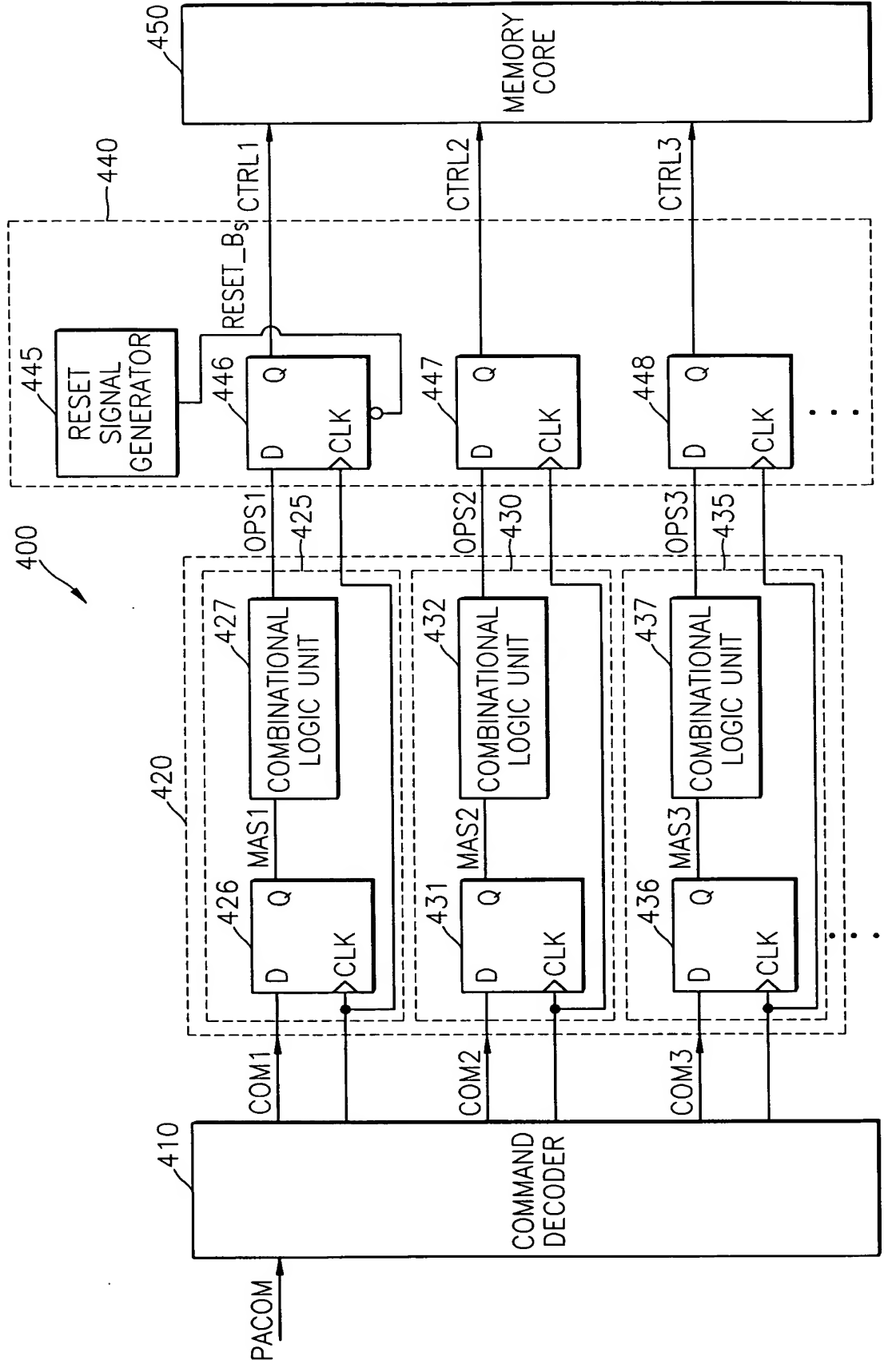
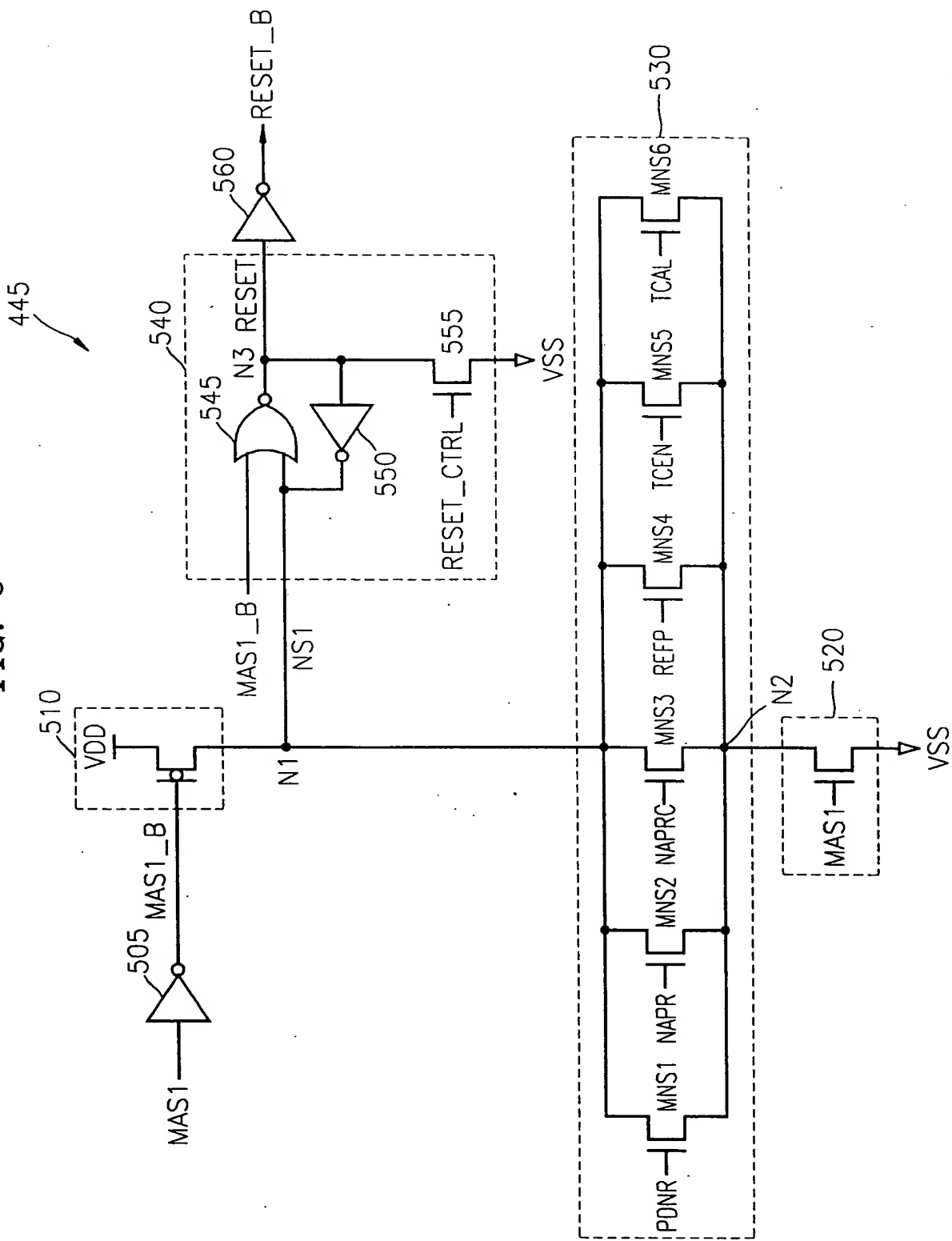
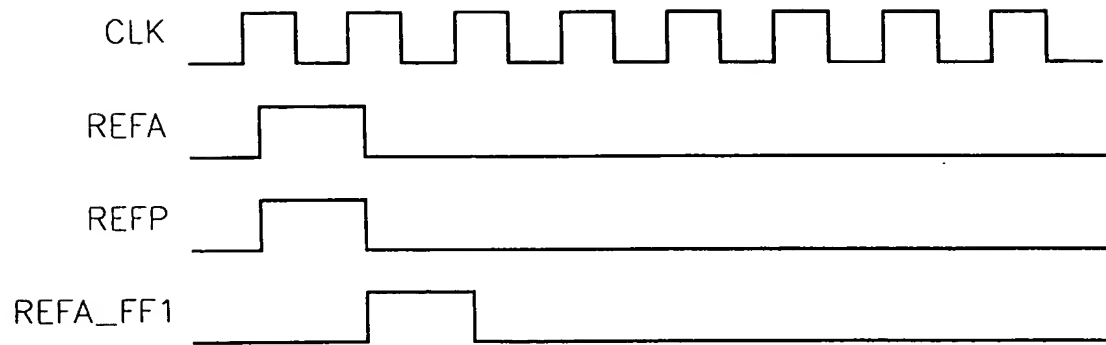


FIG. 5



**FIG. 6**



**FIG. 7**

